

Report of Analysis

Submission:

2004-001416-NYHB

Customer:

Petro-Canada

Terminal:

OSWEGO SPRAGUE NY

Vessel:

HANNAH 3601

Reference:

Purchase Order:

11-Apr-04 Date Received: Date Analyzed: 11-Apr-04 Date Reported: 12-Apr-04

Lab Reference: 2004-001416-NYHB-005

Sample Designated As: Shore Tank #5 After Discharge Equal UML Composite NO. 6 FUEL OIL

Method	Test	Results	Units
D482 @ 775 deg C	Ash @ 775 deg C	0.033	Wt %
D5708 Method A	Sodium	26.3	mg/kg
D5708 Method A	Vanadium	27.2	mg/kg
D473	Sediment by Extraction	0.02	Wt %
D5762	Nitrogen	0.31	Wt%
D3279	Asphaltene / n-Heptane Insolubles	0.90	Wt %
D4530	Micro Carbon Residue	9.0	Wt %
D240	Gross Heat of Combustion	18646	BTU / lb
D240	Gross Heat of Combustion	151219	BTU / gal

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Intertek Caleb Brett